

## CURRICULUM VITAE



### FIRST NAME / SURNAME

First name / Surname

Address

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Nationality

**PROF. ZANOLIN MARIA ELISABETTA, PhD**

**Strada Le Grazie 8, 37134, VERONA, ITALIA**

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Italian

### WORK EXPERIENCE

- Dates
- Occupation or position held
- Name and type of organisation
- Type of post
- Principal subjects/occupational skills covered

*2005 onwards*

Associate Professor, Medical Statistics, Department of Diagnostics and Public Health, University of Verona.

University of Verona, via dell'Artigliere 8

University Professor

**Research.** To develop, conduct and analyze epidemiological surveys on respiratory diseases in adults/elderly. Data collection from cross-sectional and case-control studies using questionnaires and clinical measures. EPIC questionnaire for the study of diet and respiratory diseases. 2008 onwards member of the GEIRD (Gene & Environment in Respiratory Diseases, Italian multicenter study) steering committee. Collaborations in the field of Pain Epidemiology and of Metabolic Diseases Epidemiology (Polycystic Ovary Syndrome, Insuline Resistance Syndrome, ...).

- Dates
- Occupation or position held
- Name and type of organisation
- Type of post
- Principal subjects/occupational skills covered

*1996-2005*

Researcher, Medical Statistics, Faculty of Medicine and Surgery, University of Verona.

University of Verona

University researcher

**Research.** Coordination and implementation of epidemiological surveys on respiratory diseases (European Community Health Survey I e II). Collaborations in the field of Pain Epidemiology and of Metabolic Diseases Epidemiology.

### EDUCATION AND TRAINING

- Dates
- Name and type of organisation
- Principal subjects/occupational skills

*1992-1996*

University of Milan

Research Doctorate in Biomedical Statistics, thesis title: "The causal relationship in epidemiology"

- covered
- Title of qualification awarded
    - Dates
  - Name and type of organisation
    - Principal subjects/occupational skills covered
  - Title of qualification awarded
    - Dates
  - Name and type of organisation
  - Title of qualification awarded

Doctorate thesis (PhD degree)

*1989-1991*

University of Pavia (Italy)

Specialization School in Health Statistics

Diploma of Specialization in Health Statistics

*1984-1988*

University of Pavia (Italy)

Master's Degree in Biological Sciences

MOTHER TONGUE  
ENGLISH

**ITALIAN**  
excellent

**TEACHING AND TRAINING**

1996 onwards: Lecturer: Medical Statistics and Epidemiology; Statistics for the experimental research; Clinical and Experimental Epidemiology; at Master Degree Courses in Dentistry, in Nursing and Obstetrics, in Rehabilitation Sciences for Health Profession, Bachelor's in Nursing, in Medical Laboratory Technician, in Speech Therapy.

2014 onwards: Lecturer: Master of Biostatistics and Epidemiologic Methodology. 1996 onwards: Lecturer of other Master Programs

2009 onwards: PhD students supervisor (1 active)

**OTHER COMPETENCES**

2007-2012 *executive editor of Biomedical Statistics and Clinical Epidemiology.*

Reviewer for: *Epidemiologia e Psichiatria Sociale*, *Nutrition, Metabolism & Cardiovascular Diseases*, *Journal of Pain and Symptom Management*, *International Journal of Health Geographics*, *Evidence-based Complementary and Alternative Medicine*, *Endocrine*, *The Journal of Pain*

2007-2011 Steering Committee of SISMEC (Italian Society of Medical Statistics and Clinical Epidemiology)

**RELEVANT GRANTS**

Oxidative stress, ageing and respiratory diseases. A multi-center epidemiological and genetic study on the general adult and elderly population in Italy. Italian Health Minister, 74500 € December 2011-November 2015.

## PUBLICATIONS (*last 5 years*)

- I.1. Bacchi E, Negri C, **Zanolin ME**, Milanese C, Faccioli N, Trombetta M, Zoppini G, Cevese A, Bonadonna RC, Schena F, Bonora E, Lanza M, Moghetti P. Metabolic effects of aerobic training and resistance training in type 2 diabetic subjects: a randomized controlled trial (the RAED2 study). *Diabetes Care*, 35; 676-682. (2012) IF=7.141
- I.2. Bacchi E, Negri C, Trombetta M, **Zanolin ME**, Lanza M, Bonora E, Moghetti P. Differences in the acute effects of aerobic and resistance exercise in subjects with type 2 diabetes: results from the RAED2 Randomized Trial. *PLoS One*. (2012) 7(12):e49937. doi: 10.1371/journal.pone.0049937. IF= 4.092
- I.3. Marcon A, Girardi P, Ferrari M, Olivieri M, Accordini S, Bombieri C, Bortolami O, Braggion M, Cappa V, Cazzoletti L, Locatelli F, Nicolis M, Perbellini L, Sembeni S, Verlato G, **Zanolin ME**, de Marco R. Mild Asthma and Chronic Bronchitis Seem to Influence Functional Exercise Capacity: A Multi-Case Control Study *Int Arch Allergy Immunol*. (2013) Jan 24;161(2):181-188. IF= 2.403
- I.4. Moghetti P, Tosi F, Bonin C, Di Sarra D, Fiers T, Kaufman JM, Giagulli VA, Signori C, Zambotti F, Dall'alda M, Spiazzi G, **Zanolin ME**, Bonora E. Divergences in insulin resistance between the different phenotypes of the polycystic ovary syndrome. *J Clin Endocrinol Metab*. (2013) 98(4):E628-37. doi: 10.1210/jc.2012-3908. Epub 2013 Mar IF=5.967
- I.5. Bacchi E, Negri C, Targher G, Faccioli N, Lanza M, Zoppini G, **Zanolin E**, Schena F, Bonora E, Moghetti P. Both resistance training and aerobic training reduce hepatic fat content in type 2 diabetic subjects with NAFLD (The RAED2 randomized trial). *Hepatology*. (2013) Mar 16. doi: 10.1002/hep.26393. [Epub ahead of print] IF=11.665
- I.6. CAVALLINI C, LOVATO O, BERTOLASO A, PACELLI L, ZORATTI E, **ZANOLIN E**, KRAMPERA M, ZAMÒ A, TECCHIO C, CASSATELLA MA, PIZZOLO G, SCUPOLI MT. The TNF-Family Cytokine TL1A Inhibits Proliferation of Human Activated B Cells. *PLoS One*. (2013) 8(4):e60136. doi: 10.1371/journal.pone.0060136. IF= 4.092
- I.7. DI SARRA D, TOSI F, BONIN C, FIERS T, KAUFMAN JM, SIGNORI C, ZAMBOTTI F, DALL'ALDA M, CARUSO B, **ZANOLIN ME**, BONORA E, MOGHETTI P. Metabolic inflexibility is a feature of women with polycystic ovary syndrome and is associated with both insulin resistance and hyperandrogenism. *J Clin Endocrinol Metab*. (2013) 98(6):2581-8. doi: 10.1210/jc.2013-1161. Epub 2013 Apr 17. IF=5.967
- I.8. DE MARCO R, PESCE G, MARCON A, ACCORDINI S, ANTONICELLI L, BUGIANI M, CASALI L, FERRARI M, NICOLINI G, PANICO MG, PIRINA P, **ZANOLIN ME**, CERVERI I, VERLATO G. The Coexistence of Asthma and Chronic Obstructive Pulmonary Disease (COPD): Prevalence and Risk Factors in Young, Middle-aged and Elderly People from the General Population. *PLoS One*. 2013 May 10;8(5):e62985. doi: 10.1371/journal.pone.0062985. Print 2013. IF= 4.092
- I.9. BERTOLASI L, FRASSON E, TURRI M, GAJOFATTO A, BORDIGNON M, **ZANOLIN E**, MARTINI M, PIMAZZONI F, FERLISI M, ZANUSSO G, ROSSI M, MONACO S. A randomized controlled trial of IV immunoglobulin in patients with postpolio syndrome. *J Neurol Sci*. (2013) 15; 330 (1-2):94-9. doi: 10.1016/j.jns.2013.04.016. IF=2.353
- I.10. BACCHI E, NEGRI C; TARPARI C; BARALDO A; FACCIOLO N; MILANESE C; **ZANOLIN ME**; LANZA M; CEVESE A; BONORA E; SCHENA F; MOGHETTI P. Relationships between cardiorespiratory fitness, metabolic control and fat distribution in type 2 diabetes subjects. *Acta Diabetologica* (2014) 51(3): 369-375 doi:10.1007/s00592-013-0519-1. IF=4.631
- I.11. TOSI F, DI SARRA D, BONIN C, ZAMBOTTI F, DALL'ALDA M, FIERS T, KAUFMAN JM, DONATI M, FRANCHI M, **ZANOLIN ME**, BONORA E, MOGHETTI P. Plasma levels of pentraxin-3, an inflammatory protein involved in fertility, are reduced in women with polycystic ovary syndrome. *Eur J Endocrinol*. (2014) 4;170(3):401-9. doi: 10.1530/EJE-13-0761. IF=3.936
- I.12. FERRARI R, **ZANOLIN ME**, DUSE G, VISENTIN M. Effectiveness of opioid analgesics in chronic non cancer pain. *Pain Practice* (2015) 15(3):272-78 Article first published online : 14 FEB 2014, DOI: 10.1111/papr.12176 IF2,60
- I.13. PERBELLINI O, CIOFFI F, MALPELI G, **ZANOLIN E**, LOVATO O, SCARPA A, PIZZOLO G, SCUPOLI MT. Up-regulation of CXCL8/interleukin-8 production in response to CXCL12 in chronic lymphocytic leukemia. *Leukemia and Lymphoma* (2014) Nov 19:1-4. [Epub ahead of print] PMID:25347424 I.F.=2.891
- I.14. TOSI F, DI SARRA D, KAUFMAN JM, BONIN C, MORETTA R, BONORA E, **ZANOLIN E**, MOGHETTI P. Total body fat and central fat mass independently predict insulin resistance but not hyperandrogenemia in women with polycystic ovary syndrome. *J Clin Endocrinol Metab*. 2014 Nov 13;jc20142786. [Epub ahead of print] I.F.=6.209
- I.15. **ZANOLIN ME**, GIRARDI P, DEGAN P, RAVA M, OLIVIERI M, DI GENNARO G, NICOLIS M, DE MARCO R. Measurement of a urinary marker (8-hydroxydeoxyguanosine, 8-OHdG) of DNA oxidative stress in epidemiological surveys: a pilot study. *Int J Biol Markers* 2015; 30(3): e341 - e345. I.F.=1.371
- I.16. MARCON A, NGUYEN G, RAVA M, BRAGGION M, GRASSI M, **ZANOLIN ME**. A score for measuring health risk perception in environmental surveys. *Sci Total Environ*. 2015 May 8;527-528:270-278. doi: 10.1016/j.scitotenv.2015.04.110. [Epub ahead of print] PMID:25965040 I.F.=4.099

- I.17. CALIÒ A, ZAMÒ A, PONZONI M, **ZANOLIN ME**, FERRERI AJM, PEDRON S, MONTAGNA L, PAROLINI C, FRAIFELD VE, WOLFSON M, YANAI H, PIZZOLO G, DOGLIONI C, VINANTE F, CHILOSI M. Cellular senescence markers p16<sup>INK4</sup> and p21<sup>CIP1/WAF</sup> are predictors of Hodgkin's lymphoma outcome. *Clinical Cancer Research*. 2015 I.F.= 8.722
- I.18. PESCE G, LOCATELLI F, CERVERI I, BUGIANI M, PIRINA P, JOHANNESSEN A, ACCORDINI S, **ZANOLIN ME**, VERLATO G, DE MARCO R. Seventy Years of Asthma in Italy: Age, Period and Cohort Effects on Incidence and Remission of Self-Reported Asthma from 1940 to 2010. *PLoS One*. 2015 Oct 6;10(10):e0138570. doi: 10.1371/journal.pone.0138570. eCollection 2015.
- I.19. ZENERE A, **ZANOLIN ME**, NEGRI R, MORETTI F, GRASSI M, TARDIVO S. Assessing safety culture in NICU: psychometric properties of the Italian version of Safety Attitude Questionnaire and result implications. *Journal of Evaluation in Clinical Practice*. (2016) 22:275-82. doi: 10.1111/jep.12472. I.F.=1.258
- I.20. BACCHI E, BONIN C, **ZANOLIN ME**, ZAMBOTTI F, LIVORNESE D, DONÀ S, TOSI F, BALDISSER G, IHNATAVA T, DI SARRA D, BONORA E, MOGHETTI P. Physical activity patterns in normal-weight and overweight/obese pregnant women. *PLoS One*. 2016 Nov 9;11(11):e0166254. doi: 10.1371/journal.pone.0166254. eCollection 2016.
- I.21. PAIELLA S, IMPELLIZZERI H, **ZANOLIN E**, MARCHEGIANI G, MIOTTO M, MALPAGA A, DE ROBERTIS R, D'ONOFRIO M, RUSEV B, CAPELLI P, CINGARLINI S, BUTTURINI G, DAVÌ MV, AMODIO A, BASSI C, SCARPA A, SALVIA R, LANDONI L. Comparison of imaging-based and pathological dimensions in pancreatic neuroendocrine tumors. *World J Gastroenterol*. 2017 May 7;23(17):3092-3098. doi: 10.3748/wjg.v23.i17.3092.
- I.22. CALCIANO L, PORTAS L, CORSICO A, OLIVIERI M, DEGAN P, FERRARI M, FOIS A, FRATTA PASINI AM, PASINI A, **ZANOLIN ME**, DE MARCO R, ACCORDINI S. Biomarkers related to respiratory symptoms and lung function in adults with asthma. *J Breath Res*. 2017 Nov 23. doi: 10.1088/1752-7163/aa9c86. [Epub ahead of print] IF=4.318